

# SOUTH PRODUCTION NOTES

February 22, 2014  
Morning Shift

BASF EMPLOYEES  
13 Last Recordable  
235 Last Lost Time

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.

Bldg 31 is now regulated as we are running the Si-1624 material

Every Thursday, 11am to 3pm for the next 4 weeks will be a Safe Work Permit writing class for new people to be trained or for a refresher class.

**#1 MED Si-1624:** Restarted the MED on afternoon shift. Lab results came back on lot 618 calcined and we are now re-starting the MED line. Check MOD for any changes.

**Day shift:** Was on hold until late day shift. Kristen gave the OK to restart

**Afternoon Shift:** Restarted the MED line. No need to take a dried sample per Kristen. Be sure not to mix the dried material coming off of the MED with the bags that we are currently feeding to the calciner.

**Midnight shift:** Continued. Placing the bags coming off extruder by overhead door.

**#1 RC / Si-1624:** Currently refeeding last of lot 618, then lot 617 bags 9-20 at 100 degree lower temp. Do not feed any freshly dried new material until lots 617 and 618 are done (we will also need to raise the temps 100 degrees at that time). We have attached the granulator with a 6 mesh to the spiral elevator and have changed the oversize screen from a 3 to a 5 per instructions from engineer. Watch for excessive fines we may need to scale down to a 4 mesh.

**Day shift:** Continue feeding the last of lot 618 reefed material, then lot 617 material (all on the second floor). When starting lot 617, make sure the bags are fed in order, starting with bag 9.

**Afternoon Shift:** Refeeding the Lot 617 material bags 9-20 in bag order. Be sure not to mix any of the fresh dried material that is coming off of the extruder.

**Midnight shift:** Continued feeding Lot 617 in order as instructed.

**Exhaust to F-1**

**#2 MED line/ X 052 next:** Soda blasting will be done on Wednesday.

**Day Shift:** After engineer walkthrough, will need to power wash the dryer belt and all ledges, including the drop chute from the 2<sup>nd</sup> floor. Can work on this during the weekend with available personnel.

**Afternoon Shift:** No change.

**Midnight shift:** No activity.

**#2 RC/ Cu-0860 next:** The replacement gear box is ordered with a month lead time. Original prognosis was a gear box leak possibly due to overfilling. Calciner is off and has been reversed. This will be a rough clean up before going to the Cu-0860.

**Day shift:** No activity

**Afternoon shift:** No change.

**Midnight shift:** No activity.

**#3 MED line / D-1798:** Continue on, keep adding  $\frac{1}{4}$  drum wet mix to each batch.

**REMEMBER, we are using beta zeolite up on the third floor.**

**Day shift:** Continue, keep feeding the wet mix  $\frac{1}{4}$  drum per batch.

**Afternoon Shift:** Continued on adding the wet mix.

**Midnight Shift:** Continued on adding the wet mix.

**#3 RC/ D-1798 NAQ:** Continue on.

**Day shift:** Continue on.

**Afternoon Shift:** Continued to feed.

**Midnight shift:** Continued.

**Exhausting to CTO**

**Old Pfaudler – D-1799 NAQ:** All Lot 5 material has been used.

**Day Shift:** On hold

**Afternoon Shift:** On hold.

**Midnight shift:** On hold.

**Tank 7 / AMT for D-1799 NAQ:** Monitor tank's temperature. Reminder - unable to fix valve at bottom of tank 7.

**Day shift:** No activity

**Afternoon Shift:**

**Midnight shift:** Monitored temps. Was too high at start of shift.

**New Pfaudler / V-2045 next:** Will need to wait for lab SPG results. The spg meters in the department are not working properly.

**When restarting, use three (3) bags @ 1000 lb when dropping material from Pfaudler.**

**Day shift:** Finished batch #193

**Afternoon Shift:** Lab results came back at 1.37 and Bodmann gave instructions for the next batch in the MOD, however, the spg meter is not reading accurately and the decision was made to hold off for an Spg from the lab.

**Midnight shift:** On hold.



**Tank 6 / V-2045 solution:** Will need to verify spg with the lab as the spg meter is reading improperly.

**Day shift:** Waiting on solution lab results

**Afternoon Shift:** Tank results from the lab were 1.37 and 200 gallons of water were added to the tank, but spg meter is not reading correctly. Will have to wait for a spg from the lab.

**Midnight shift:** On hold.

**National Dryer / :** Schirmer has finished the soda blasting.

**Day shift:** Still need to evaluate status with engineer.

**Afternoon shift:** No change.

**Midnight shift:** No change.

**#4 RC / 5202:** 5202 will be brought to the site next week (Monday) and when we start we will make several early drums and use for flush on #4 calciner. Make sure thermowell is cleaned off before this happens.

**Day shift:** No activity

**Afternoon Shift:** No change.

**Midnight shift:** No activity.

**Exhaust to Trimer**

**PK Blender / 1520:** Truck arrived in dock 1 Thursday and resumed making batches.

**Batches are being placed in warehouse aisles: J1/J4/M5/B2/and aisle between A and B.**

**Day shift:** Batches re-started after maintenance repaired blender motor mounting bolts.

**Continue**

**Afternoon Shift:** Continued on.

**Midnight shift:** Continued on. May be two batches left based on solution.

**HC-11 Tanks – CU-5020 Strikes:** Continue.

**Day shift:** Continue

**Afternoon Shift:** Continued on. 3 batches made.

**Midnight Shift:** Continued on. Initial issues at the north end but still made 3.

**#5 RC / OxyVinyl Catoxid:** HEPA changed early Friday morning. Continue but watch dp on HEPA. NOTE: keep bag house temps around 95 degrees. Remember to feed alternating batches of material (1 bag above Batch 7083 and 1 bag below Batch 7083).

**Day shift:** Continue...temps now holding around 95 degrees and HEPA between 5.5-6 as of 2:30 pm Friday.

**Afternoon shift:** Continued on. Hepa hanging around 6PD through most of the shift.

**Midnight shift:** Continued on. HEPA filter is at 7 PD.

**Exhaust to 5DC when feeding**

**Tower 3 / Cu-1230:** Continue after mass spec issues earlier on Friday

**Day shift:** Continue

**Afternoon shift:** Continuing on. Another day or so.

**Midnight Shift:** Should come down during the day.

**Tower 6 / Cu-1986:** Continue after mass spec issues earlier on Friday

**Day shift:** Continue

**Afternoon shift:** Continuing on. May come down late on first shift Saturday.

**Midnight Shift:** Should come down during the day.

**Harrop Kiln - Al-3921 T 3/16":** Down... saggars have been removed, screener parts at TK#2

**Day shift:**

**Afternoon Shift:**

**Midnight Shift:**

**North Screener / Cu 1230:** Continue when Tower 3 is dropped.

**Day shift:** Waiting on next tower to drop

**Afternoon Shift:**

**Midnight shift:** No activity until material available to screen.

**South Screener / Cu 1986:** Down until tower comes down.

**Day shift:** Waiting on next tower to drop

**Afternoon Shift:**

**Midnight shift:** No activity until material available to screen.

**#6 - RC / D-0756:** Down

**Day Shift:** Down

**Afternoon shift:**

**Midnight shift:** Down.

**Exhaust to Sly Scrubber**

**Tunnel Kiln #2 / V-2045 is next:** Saggars have been switched to Vanadium saggars.

**Day shift:** Holding temps at 200.

**Afternoon Shift:** no change

**Midnight shift:** no change

**Tunnel Kiln #4 / Cu-0540 done:** HOLD

**Day shift:**

**#2662 Pill Machine / AI-3917 3/16: Finished. Holding for decision to switch to 3915.**

**#2664 Pill Machine / AI-3917 3/16: Finished. Holding for decision to switch to 3915.**

**Priorities 1 through 6 are basically all the same priority, should be considered urgent and will require call outs for maint issues.**

- 1) Cu-5020 Strikes**
- 2) Cu-1230 E 1/16 3F RS & Cu-1986 TRL - Reduction Towers**
- 3) D-1798 NAQ - #3 P&S/#3 RC**
- 4) 1520 Impregs - PK**
- 5) Catoxid - #5 RC**
- 6) Si-1624 E - #1 MED/#1 RC**
- 7) New Pfaudler – V-2045**

**To do list: Power wash #2 dryer belt.**

**Load alcohol drums on trailer by rail shed (single stacked)**

**Take 1798 NAQ from #3 RC to 3<sup>rd</sup> floor**

**Clean 3<sup>rd</sup> floor around #3 mixer.**

**Operator PM's**

**For the weekend Hi-Sil is in shipping and the Volclay is in the rail shed. Siral 30 is in the rail shed. Ambosol the first 2 lots and soda ash are both in shipping.**

**All of the 7005 base is in building 9 I am not sure which will run out first the base or the solution.**

**D 1798 from #3 calciner need to go to the 3rd floor.**

**Si-1624 lot EL00616 will be in our dock if you need to rework it. After the 2 trucks are empty there are more of the black drums with white lids in the rail shed.**